

# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – May 2017

**Time: Three Hours**

**Max. Marks: 70 Marks**

## HUMAN ANATOMY & PHYSIOLOGY (Revised Scheme 3)

**Q.P. CODE: 2601**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

### **LONG ESSAYS (Answer any Two)**

**2 x 10 = 20 Marks**

1. What is autonomic nervous system? Explain the functions of each division of ANS.
2. Draw a neat labeled diagram of internal structure of heart. Write a note on conduction system of heart.
3. Draw a neat labeled diagram of the ear and discuss the mechanism of hearing.

### **SHORT ESSAYS (Answer any Six)**

**6 x 5 = 30 Marks**

4. Name the salivary glands and discuss the composition and functions of saliva.
5. Describe the gross structure of Kidney.
6. Classify the joints with examples.
7. Discuss the structure and functions of the ovary.
8. Classify leucocytes and their functions.
9. ABO system of blood grouping.
10. Describe intra uterine contraceptive methods used in female.
11. Explain how digestion takes place in small intestine.

### **SHORT ANSWERS**

**10 x 2 = 20 Marks**

12. Name the ventricles of the brain.
13. What is ECG? Mention different waves of ECG.
14. What is myasthenia gravis? Mention its symptoms.
15. What is meant by positive and negative feedback mechanism?
16. Oxygen therapy.
17. Functions of the lymph node.
18. Structure and functions of the plasma membrane.
19. Write the composition of bone.
20. Draw a neat labeled diagram of neuron.
21. Define Dwarfism and Myxoedema.

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